ROG & PUTIPTO 08 OCT 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 26 August 2004 (26.08.2004)

PCT

(10) International Publication Number WO 2004/071921 A1

- (51) International Patent Classification⁷: 45/20
- B65H 45/10,
- (21) International Application Number:

PCT/IT2004/000050

- (22) International Filing Date: 9 February 2004 (09.02.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

- (30) Priority Data: FI2003A000037 12 February 2003 (12.02.2003) IT
- (71) Applicant (for all designated States except US): FABIO PERINI S.P.A. [IT/IT]; Zona Ind.le P.I.P. Mugnano Sud, I-55100 Lucca (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MORELLI, Alessandro [IT/IT]; Via del Brennero, 1896, I-55017 Pietro A Vico, Lucca (IT). GELLI, Mauro [IT/IT]; Via del Marginone 24, Fraz. Pieve S. Paolo, I-55066 Capannori, Lucca (IT).
- (74) Agents: MANNUCCI, Michele et al.; Ufficio Tecn. Ing A. Manucci S.R.L., Via della Scala, 4, I-50123 Firenze (IT).

T

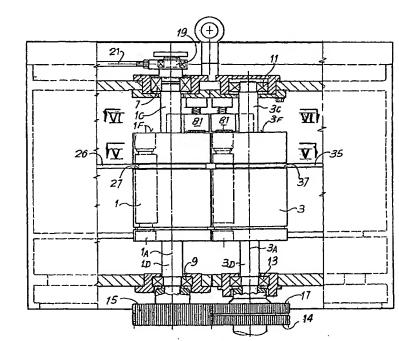
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: FOLDING MACHINE FOR FOLDING A CONTINUOUS WEB MATERIAL AND FOLDING METHOD



(57) Abstract: The folding machine includes at least one folding rollers (1, 3; 505) provided with a least one gripping member (43; 513) to mechanically grip the web material (N) along a folding line. A suction member (79; 515) is associated with the gripping member (43; 513) to draw the web material towards said gripping member (43; 513).